

# ThinkPad X1 Carbon Gen 9 20XW00JXRI

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

Intel® Core™ i7-1165G7 (4C / 8T, 2.8 / 4.7GHz, 12MB)

#### Graphics

Integrated Intel Iris® Xe Graphics

#### Chipset

Intel SoC Platform

#### Memory

16GB Soldered LPDDR4x-4266

#### Memory Slots

Memory soldered to systemboard, no slots, 8-channel

#### Max Memory

16GB soldered memory, not upgradable

#### Storage

512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal2

#### Storage Support

One drive, up to 2TB M.2 2280 SSD

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x2 and 0.8W x2, Dolby® Atmos®

#### Camera

IR & 720p with Privacy Shutter

#### Microphone

4x, Array

#### Battery

Integrated 57Wh

#### Max Battery Life

MobileMark® 2014: 21.3 hr

MobileMark 2018: 16.7 hr

JEITA 2.0: 26.0 hr

#### Power Adapter

65W USB-C Slim (3-pin)

### DESIGN

#### Display

14" WUXGA (1920x1200) IPS 400nits Anti-glare

#### Touchscreen

None

#### Keyboard

Backlit, English (EU)

#### Case Color

Black, Paint

#### Case Material

Carbon Fiber (Top), Magnesium Alloy (Bottom)

#### Dimensions (WxDxH)

315 x 221.6 x 14.9 mm (12.4 x 8.72 x 0.59 inches)

#### Weight

1.133 kg (2.49 lbs)

### SOFTWARE

#### Operating System

Windows® 11 DG Windows 10 Pro 64, Romanian / English

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

None

#### WLAN + Bluetooth®

Intel AX201 11ax, 2x2 + BT5.2

#### WWAN

Quectel EM120R-GL with Embedded eSIM

#### SIM Card

None

#### NFC

NFC

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 1x HDMI® 2.0
- 1x Headphone / microphone combo jack (3.5mm)

#### Optional Ports (configured)

1x Nano-SIM Card Slot

#### Monitor Cable

None

#### Docking

Various docking solutions supported via Thunderbolt.

For more compatible docking solutions, please visit [Docking for ThinkPad® X1 Carbon Gen 9](#)

### SECURITY & PRIVACY

#### Smart Card Reader

None

#### Security Chip

Discrete TPM 2.0

#### Fingerprint Reader

Touch Style, Match-on-Chip

#### Physical Locks

Kensington® Nano Security Slot

#### Other Security

- IR camera for Windows® Hello
- Camera privacy shutter

### MANAGEABILITY

#### System Management

None

### SERVICE

#### Base Warranty

3-year, Depot

#### Included Upgrade

3Y Premier TP Halo WHB (CPN) (5WS1B09495)

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- TCO Certified
- RoHS compliant

#### Other Certifications

- Intel® Evo™ Platform
- TÜV Rheinland® Low Blue Light

#### Mil-Spec Test

MIL-STD-810H military test passed

### MODEL

TopSeller : Yes

Announce Date : 2021-11-09

EAN / UPC / JAN : 0196119989845

End of Support : 2027-10-02

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## Premier Support - A direct 24x7x365 line to our most elite technicians.

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## Recommended Accessories

### ThinkPad Universal Thunderbolt 4 Dock - US 40B00135US

Enterprise-Grade Universal Thunderbolt™ 4 Docking Experience: ThinkPad Universal Thunderbolt 4 Dock delivers reliable and consistent industry leading video, data and power connectivity in a Windows based mixed-PC envi...

### Lenovo 65W USB-C AC Travel Adapter 40AW0065WW

STREAMLINE YOUR LIFE WITH A 65W USB-C AC TRAVEL ADAPTER. Changing the way you travel for business or pleasure, the Lenovo 65W USB-C AC Travel Adapter eliminates the need for multiple chargers. Power your USB-C devices...

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

**PSREF**  
Product Specifications  
Reference